

BIWF PHOTO INDEX							
PAGE	PART	Date	Description	Source	NRAO REF#	comments	IMAGE FILE NAME
front cover	0	13-Oct-65	The 140-foot and admirers at its dedication	NRAO	GB65_02608	colorized	cover_00_dedication.jpg GB65_02608s.jpg
back cover	0	1959	Grote Reber in the bean patch near the Hill House.	NRAO	GB74_11581		cover_01_Reber Beans.jpg
back cover	0	20-Jun-60	Employee Group picture - May 1960	NRAO	GB60_00067		cover_02_group1960.jpg
back cover	0	12-Oct-71	Site view of 300-foot and Interferometer	NRAO	GB71_08302		GB71_8302_206.jpg GB65_02544_140ft_028.jpg GB65_02544_140ft_crop.jpg
back cover	0	29-Sep-65	a 140 Foot view to the east	NRAO	GB65_02544	color slide	
back cover	0		The 140 Foot at night	NRAO	?		
back cover	0	11-May-58	The Tatel Telescope under construction -- hoisting the box structure.	NRAO	"1-24"		85 Construction 24.jpg
back cover	0	1980	The Tatel Telescope ca. 1980, view to the west	NRAO			85-1_ca1980.jpg
back cover	0	17-Apr-64	The 300 Foot Telescope	NRAO	GB64_01602		GB64_01602_063.jpg
back cover	0	2000	Aerial view of the 100 Meter Green Bank Telescope and the 140 Foot Telescope when the GBT was nearing completion, Summer 2000	NRAO		color slide	GBT-140_Aerial_hi.jpg
i (title page)	1	11-May-58	hoisting Tatel Box girders	NRAO	"1-24"		85 Construction 24.jpg
xiv	1	6-Sep-62	A farm at the foot of Little Mountain -- a telephoto from Buffalo Mountain.	NRAO	GB62_00956	probably not a farm on Little Mountain -- it might be on Buffalo Mountain. Local experts unsure where it was.	GB62_00956_043.jpg
	2	1	Bart Bok	NRAO	GB72_09184	copy of earlier photo	BartBokin72.jpg
	4	1	Karl Jansky with antenna (1932)	NRAO	GB83_21186	copy of earlier photo	GB83_21186_Jansky.jpg
	4	1	Grote Reber (1938)	NRAO	GB76_13382	copy of earlier photo	GB76_13382_Reber.jpg
	4	1	Reber's Antenna in Wheaton, Illinois (1938)	NRAO	GB62_00942	copy of earlier photo	GB62_00942_Wheaton.jpg
	9	1	Virginia Map with proposed sites	NRAO		by F. Ghigo, NRAO, and photoshop	VAMap2.jpg
	10	1	Lloyd Berkner portrait (1950s?)	courtesy AUI			Berkner_ca_1961.jpg
	10	1	Richard Emberson portrait (1970s?)	courtesy IEEE			REmberson_ieee_no.2001.jpg
	13	1	Pocahontas	from the web			Pocahontas1.jpg
	14	1	23-May-63 Landholdings map	NRAO	GB63_01180		l_landholdingse.jpg
	16	1	28-Sep-78 Nut Bin house	NRAO	GB78_16808		nutbin1.jpg
	16	1	Moro Beard portrait (1961)	courtesy of Emma Beard			MBeard.jpg
	16	1	2-Dec-69 Moving the Nutbin	NRAO	GB69_06400		GB69_06400_nutbin1_c.jpg
	20	1	19-Jan-77 Heesch and Findlay	NRAO	GB77_14224		GB77_14224a_044.jpg
	21	1	17-Oct-57 Groundbreaking 1957	NRAO	GB74_11548	copy of earlier photo	l_dedication.jpg
	22	1	National Radio Quiet Zone map	NRAO		by F. Ghigo and photoshop	VAWVAMap_gzs.jpg
	25	1	1959? Main Entrance (1959)	NRAO	GB59-G.Site-7		l_site1958c.jpg
	26	1	1-Mar-66 Sid Smith portrait	NRAO	GB66_02841		GB66_02841_Smith_022.jpg
	27	1	Aug 1958 85foot telescope base, Aug 1958	NRAO	GB 85' 1-2		85 Construction 2.jpg
	28	1	24-Apr-62 Bill Meredith portrait	NRAO	GB62_00808		GB62_00808_Meredith_033.jpg
	29	1	19-Sep-62 Field Offices, Kessler house	NRAO	GB62_00967		l_fieldoffices.jpg
	30	1	1958 85-ft installation of polar shaft 1958	NRAO	GB 85' 1-11		85 Construction 11.jpg
	31	1	Howard Tatel	NRAO	GB78_16925	copy of earlier photo	l_HowardTatel.jpg
	32	1	16-Oct-58 85-ft telescope at its dedication	NRAO	GB74_11579	copy of earlier photo	GB74_11579_85dedication028.jpg
	32	1	Bob Hall (about 1995?)	NRAO (mug shot)			bobhall.jpg
	33	1	16-Oct-58 Dedication program	NRAO			l_85dedication_programbox.jpg
	34	1	16-Oct-58 Berkner at podium, Struve at the left	NRAO	GB People-1 (#58)		people 1.jpg
	35	1	16-Oct-58 Harley O. Stagers, Sr. at podium	NRAO	GB People-2		l_85dedication_Berknerc.jpg
	37	1	16-Oct-58 Waterman at podium with Tatels	NRAO	GB People-3 (#60)		people 2.jpg
	39	1	16-Oct-58 Struve at podium	NRAO	GB People-4(#61)		people 3.jpg
	40	1	16-Oct-58 Tatel family and Tuves, (L to R: Mollie Tatel, Merle Tuve, Winifred G. Whitman (Tuve's wife), Judy Tatel, David Tatel.	NRAO	GB People-5 (#62)		people 4.jpg
	41	1	Tatel Plaque	NRAO			l_TatelPlaque.jpg
	44	1	8-Jan-68 Fred Crews	NRAO	GB68_04371		Fred_68.jpg
	46	1	29-Mar-62 Bob Vance at the 85-ft controls	NRAO	GB62_00217		l_BobVance_enh.jpg
	46	1	10-Jun-65 Dave Heesch portrait	NRAO	GB65_02581		GB65_02581_Heesch021.jpg
	46	1	29-May-62 Frank Drake portrait	NRAO	GB62_00834		GB62_00833_Drake_031.jpg
	49	1	29-Mar-61 TK Menon portrait	NRAO	GB61_00218		GB61_00218_Menon_042.jpg
	49	1	1-Aug-63 Hein Hvatum portrait	NRAO	GB63_01298		GB63_01300_Hvatum_023.jpg
	51	1	4-Aug-64 Mort Roberts portrait	NRAO	GB64_01837		GB64_01837_Roberts020.jpg
	52	1	21-Nov-60 "Office girls" Harry Woodell, Naomi Daniels, Pearl Clarkson.	NRAO	GB60_00155		GB60_00155_041.jpg
	54	1	23-Dec-58 140ft foundation	NRAO	GB58-140-55		140 foot construction 55.jpg
	55	1	1962 Hannah House	NRAO			Hannah_62_979c.jpg
	58	1	1959? First 140ft polar shaft shipment	NRAO	Bliss RT-189, courtesy Mark Popovich.		140ec067a.jpg
	62	1	14-Jan-71 Cam Wade (from 1971 pin party group photo)	NRAO	GB71_07660		GB71_7660_Wade_c.jpg
	62	1	22-Oct-69 Dave Hogg and the Tatel telescope	NRAO	GB69_6293		GB71_07660_teny047.jpg GB69_06293_Hogg_014.jpg
	66	1	26-Feb-59 Little Big Horn under construction	NRAO	GB59-CALHORN-2		Calibration Horn Construction 2.jpg
	66	1	1959? Little Big Horn with Warren Wooddell	NRAO	GB-CALHORN-10		Calibration Horn Construction 10.jpg
	67	1	16-Feb-67 The completed Little Big Horn	NRAO	GB67_03567		lbh_3.jpg group1960.jpg l_1960groupID.jpg
	68	1	20-Jun-60 Employee Group picture - May 1960	NRAO	GB60_00067		
	70	1	8-Jan-68 1st ten year pin party (L to R) John Findlay, Harry Woodell, Dave Heesch, Beaty Sheets, Fred Cole	NRAO	GB68_04371a		GB68_04371a_10yr_enh.jpg
	70	1	8-Jan-68 1st ten year pin party (L to R) : Wally Oref, Fred Crews, Omar Bowyer, Paul Devlin (behind Omar), Hein Hvatum, Roger Lynds (behind Hein), Elsie Hungerbuhler, Tom Williams, John Hungerbuhler (in front of Tom), Mrs. Cole, Don Hovatter, Jamie Sheets, Marguerite Crews, Rose Bowyer, Mrs Powell, Bill Powell, Mrs Williams.	NRAO	GB68_04371b		GB68_04371c_10yr_020.jpg
	75	1	9-Jun-60 Visit of Governor Underwood to Green Bank	NRAO	GB60_00056		Underwood_Visit_ver3.jpg
	76	1	300 Foot concept with rotating wedge	NRAO			SRI_1.jpg
	77	1	300 Foot design with limited tilt Alt-az mount	NRAO			SRI_2.jpg

85	1	15-Feb-61	Artists impression of 300 Foot telescope	NRAO	GB61_00200		300ftartists2c.jpg
91	1	26-Apr-64	The 40-foot telescope	NRAO	GB64_01679		40footbwa.jpg
91	1	26-Apr-62	40 Foot Control Room	NRAO	GB62_00811		fortyfoot_1962.jpg
92	1	17-Oct-61	The 300 Foot under construction.	NRAO	GB63_00683	exact date not in photo archive	GB61_00683_174.jpg
96	2	30-Mar-61	The site of the 300 Foot before start of construction.	NRAO	GB61_00219		GB61_00219_040_s.jpg
97	2	27-Apr-61	John Findlay at the groundbreaking for the 300 Foot Telescope.	NRAO	GB61_00232		GB61_00232h_039.jpg GB61_00232_038.jpg
97	2	27-Apr-61	John Findlay at the groundbreaking for the 300 Foot Telescope, zoom in on Findlay.	NRAO	GB61_00232		GB61_00232h_c.jpg
98	2	5-Oct-61	Construction of the 300 Foot box girder	NRAO	GB61_00676		GB61_00676_182.jpg
98	2	4-May-62	First tilting of the telescope before installation of the surface	NRAO	GB62_00717		GB62_00717_164.jpg
99	2	17-Aug-62	Installation of the first surface	NRAO	GB62_00727		surface_install1.jpg
100	2	26-May-62	The original control panel	NRAO	GB62_00828		300_console_62_828c.jpg
100	2	1-Sep-62	At the 300 Foot dedication: Frank Drake (at right), T. K. Menon (second from right)	NRAO	GB62_00948	exact date not in photo archive NOTE: this is not T.K.Menon, but probably Noresh Mathur.	GB62_00948_060.jpg
101	2	12-Oct-62	Digging the ditch to extent the southern declination limit	NRAO	GB62_00994		300_digging_994.jpg
102	2	17-Apr-64	Focal point of the 300 Foot. Six receivers were in place.	NRAO	GB64_01597		GB64_01597_069.jpg
102	2	27-Jul-66	View of original control building during construction of new feed support legs.	NRAO	GB66_03094		66-3094a.jpg
105	2	7-Jan-63	The Jet Engine in the shop. Melvin, Clifford Barkley, Paul Devlin.	NRAO	GB63_01074		GB63_01074_jet1.jpg
106	2	28-Sep-66	The original surface showing its poor condition.	NRAO	GB66_03317		surface_66-3317.jpg
106	2	12-Oct-66	Fred Cole rolling the original surface in an attempt to flatten it.	NRAO	GB66_03331		GB66_3331_rolling.jpg
107	2	19-Sep-69	Installing the first traveling feed system. people in the photo: Wendell Monk (way up near the center of the dish), Ron Gordon and Don Gordon (mostly hidden behind structure about half way up), left to right behind the travelling feed structure: unidentified, Bedford Taylor?, and unidentified. Left to right in front: Bill Brundage, Bob Viers, unidentified, Charles Cassell?, and Basil Gum.	NRAO	GB69_06116		GB69_06116_enh.jpg
108	2	25-Jul-69	The Travelling Feed	NRAO	GB69_05928	copied from a color slide	300_traveling_feed_5928c.jpg
109	2	1970?	New surface panels being tested for ice loading at Kennedy Antenna in Cohasset MA.	NRAO		snapshot of unknown provenance, unknown date	newpanels300046.jpg
109	2	8-Sep-70	New surface panels being installed.	NRAO	GB70_07308		70_7308a.jpg
110	2	9-Oct-70	Installation of new surface, 1970.	NRAO	GB70_07378		GB70_07378_paneling048.jpg
111	2	17-Nov-71	New control building and telescope operators.	NRAO	GB71_08399		GB71_08399_300Bldg_010.jpg
111	2	24-Jan-72	New 300 Foot telescope control console: Bill Brundage, George Resch, Nancy Vandenberg.	NRAO	GB72_08542		GB72_08542_300Control_008.jpg
112	2	17-Nov-71	"Club 300." The 300 Foot telescope operators: Bob Viers, Troy Henderson, George Liptak, Al Hogan.	NRAO	GB71_08400		GB71_08400_300_Operators_009.jpg
113	2	2-Oct-80	Lifting the working platform. Identifications: left to right: Ron and Don Gordon (holding the platform), Basil Gum, Wendell Monk, Al Hogan, Bob Viers?, and Fred Crews in the foreground.	NRAO	GB80_18495		GB80_18495_enh.jpg
114	2	31-Oct-80	Installation of new travelling feed	NRAO	GB80_18578		travfeed_80_18578a.jpg
114	2	31-Oct-80	Installation of new travelling feed, 2	NRAO	GB80_18567		travfeed_80_18567a.jpg
115	2	31-Oct-80	Telescope mechanic Don Gordon working 225 feet above the ground on the installation of the new travelling feed track.	NRAO	GB80_18573		300_travFeed_Don_1980a.jpg
115	2		The evolution of receiver temperature with time showing the developments in electronics of the 300 Foot.	NRAO		date unknown	rx_tsys1.jpg
118	2	27-Sep-87	Speakers platform at the 300 Foot Silver Birthday Celebration: Rep. Allan Mollohan, Paul Vanden Bout, Kurt Riegel, George Seielstad, John Findlay, Bob Hughes.	NRAO, courtesy G. Verschuur			BobatPodium_enh.jpg
119	2	27-Sep-87	Logo for the 25th anniversary meeting	NRAO			Logo25e.jpg
120	2		The Maryland Point 84-foot telescope	NRAO?	GB69_05251	pub. In Sky and Telescope, vol. 17, p.609, October 1958. Copy of earlier photo.	nrl_84ft_SkyTel.jpg
120	2	26-Sep-87	Ed McClain at the 300 Foot Silver Anniversary Symposium.	NRAO, courtesy G. Verschuur			Symp300_Ed.jpg EdMcClain2_ge.jpg
122	2	6-May-60	Artist's conception of the proposed 600 foot antenna at Sugar Grove	NRAO	GB60_00027		600ft.jpg
125	2		Another artist's view of the 600 Foot	from Ed McClain			600ft_2.jpg
126	2	22-Oct-69	Dr. Gerald Tape, AUI President, and family, visit Green Bank for the AUI trustees meeting in October 1969.	NRAO	GB69_06294		GB69_06294_Tape_015.jpg
131	2	4-Jan-63	Aerial photo of the 300-ft in the snow with shadow. The trailer is from DTM for the first user-supplied equipment used on the 300 Foot -- a receiver and back end for 21 cm.	NRAO	GB63_01059		GB63_01059_snow_ec.jpg
132	2	8-Jan-68	Dave Heesch (cropped from group photo that was on page 70.)	NRAO	GB68_04371		tenyear4_68_crop.jpg
132	2	27-Apr-61	Burke and Struve at 300ft groundbreaking	NRAO	GB61_00231		Burke_Struve_gndbreak.jpg
144	2	27-Sep-87	John Findlay on the podium at the 300 Foot 25th anniversary Symposium	NRAO			FindlayatPodium_enh.jpg
146	2	17-Apr-64	Findlay Fig 1: Completed 300-ft	NRAO	GB64_01602		GB64_01602_063.jpg
147	2	27-Apr-61	Findlay Fig 2: Struve at 300-ft groundbreaking	NRAO	GB61_00235		GB61_00235_109.jpg
149	2	27-Apr-61	Findlay Fig 3 : 300 Foot Groundbreaking. From left: M. Howell, BS&I Erection Manager; John Hawkins, BS&I VP for sales; Jim Tilley, BS&I Executive VP; E. R. Faeltens, Engineer; J. W. Findlay; Otto Struve, Director of NRAO; Charlie Bush, BS&I Engineer.	NRAO	GB61_00234		GB61_00234_117.jpg
150	2	6-Oct-61	Findlay Fig 4 : 300ft construction	NRAO	GB61_00682		GB61_00682_177.jpg
151	2	2-Nov-61	Findlay Fig 5 : construction	NRAO	GB61_00688		GB61_00688_173.jpg
152	2	1-Dec-61	Findlay Fig 6: construction	NRAO	GB61_00691		Findlay_F6.jpg

153	2	17-Apr-62	Findlay Fig 7: the drive	NRAO	GB62_00698	Findlay_F7.jpg
154	2	19-Jul-62	Findlay Fig 8 : Shooting Nelson Studs	NRAO	GB62_00720	Findlay_F8.jpg
155	2	17-Aug-62	Findlay Fig 9 : placing the surface	NRAO	GB62_00726	Findlay_F9.jpg
156	2	28-Mar-63	Portrait of John Findlay	NRAO	GB63_01141	GB63_01141_Findlay_029c.jpg GB63_01142_Findlay_030.jpg
157	2	30-Aug-62	300-ft from Route 92	NRAO	GB62_00734	GB62_00734_160.jpg 300ft_view1e.jpg
158	2		Kerr Fig 1: 36-foot telescope at Potts Hill	Kerr		kerr1.jpg
158	2	26-Sep-87	Kerr speaking at the 300 Foot symposium	NRAO, courtesy G. Verschuur		Kerr_speaking_c.jpg
161	2		Kerr Fig 2. First map of neutral hydrogen column density in the Magellanic Clouds.	Kerr		kerr2.jpg
164	2		Condon Fig 1. 1400 MHz map of the northern sky made with the 300 Foot Telescope.	Condon		condon_F1.jpg
164	2		A form for phone messages, used in the 1970s.	NRAO		memoscan.jpg
166	2		Condon Fig 2. RMS noise for an integration time of 1 sec and the rms confusion as functions of frequency for the 300 Foot Telescope and current receivers.	Condon		condon_F2.jpg
167	2		Condon Fig 3. One hour's data from the "strip of sky" survey. The calibration signals at the beginning and end of the scans correspond to S - 10 Jy.	Condon		condon_F3.jpg
168	2		Condon Fig 4. Scans from Maslowski's 1400 MHz survey ( 1 Jy = 1 deg of declination.)	Condon		condon_F4.jpg
170	2		Condon Fig 5a. Scans from the first 5 GHz survey made with the 300 Foot Telescope.	Condon		condon_F5a.jpg
171	2		Condon Fig 5b. Scans from Altschuler (1986) resurvey of this area with the more sensitive dual-channel "6/25" receiver in 1981.	Condon		condon_F5b.jpg
172	2		Condon Fig 6. Three minutes of data taken with the upgraded four-feed receiver scanned at +/- 10 deg sidereal rate.	Condon		condon_F6.jpg
174	2		Condon Fig 7. The largest array of point-source feeds with good efficiency and low coma lobes that can be accommodated at the prime focus of an f/D=0.4 reflector.	Condon		condon_F7.jpg
176	2		Condon Fig 8. Data storage in the good old days	Condon		condon_F8.jpg
177	2		Condon Fig 9. First map from 4850 MHz survey. It covers about 10x10 degrees centered on RA=1h40m, Dec=+30deg with 3 arcmin resolution and rms - 5 mJy.	Condon		condon_F9.jpg
178	2	24-Nov-82	Jim Condon portrait	NRAO	GB82_20760	GB82-20760_002.jpg
179	2	30-Aug-62	A view of the 300 Foot in 1962.	NRAO	GB62_00732	GB62_00732_enh.jpg
179	2	28-Aug-79	A view of the 300 Foot in 1979.	NRAO	GB79_17449	GB79_17449_site_003.jpg
180	2		Galactic Radio Patrol poster : Chris Backhouse, Phil Gregory, Huang-Jian-Xu	Gregory		patrol_poster3.jpg
184	2		Gregory Fig 1. Twelve repeats of one scan showing the variable source GT0236+610 located at sample 140.	Gregory		gregory_Fig1.jpg
185	2		Gregory Fig 2. Mean radio light curves at 5 GHz (solid) and 10.5 GHz (dashed). At bottom is the two-frequency spectral index derived from mean light curves.	Gregory		gregory_Fig2.jpg
186	2		Gregory Fig 3. Binary radio flare maxima from August 1977 to September 1986.	Gregory		gregory_Fig3.jpg
187	2		Gregory Fig 4. 6 cm radio map of G109.1-1.0 made from the radio patrol data. Superposed are the outer boundary of X-ray emission (chicken tracks) and CO emission contours (large dash). The fine dashed curve demarcates the X-ray jet feature.	Gregory		gregory_Fig5.jpg
190	2		Gregory Fig 5. Left: source fraction as a percentage of complete sample versus variability index V. Right: Integral source fraction as a percentage of sample having V >= V0.	Gregory		gregory_Fig6_7.jpg
193	2	25-Apr-63	Bill Meredith at the IBM 1620 computer in the Jansky Lab, April 1963.	NRAO	GB63_01162	GB63_01162_078.jpg GB63_01163_077.jpg
193	2	29-Sep-65	Aerial view of the 300 Foot Telescope in 1965.	NRAO	GB65_02561	GB65_02561_Aerial_enh.jpg
194	2		Don Backer at a GBT planning meeting	courtesy R. Rood	ca. 1989	backer-gbtp2.jpg IAUCircular2110_take2.jpg
202	2		Verschuur Fig. 1. Unpublished HI channel maps of a region of the galactic plane -- latitude +18 to -12 deg, longitude 137-134 deg.	Verschuur		verschuur_Fig.jpg
204	2		Verschuur Fig 2. Spectra of four cold clouds	Ap.Lett. Vol 4, p.85, 1969.		verschuur_plot.jpg
207	2	13-Jun-69	Gerrit Verschuur portrait	NRAO	GB69_05801	G Verschuur.jpg
208	2	22-Oct-64	Bill Howard at his desk in the Jansky Lab, 1964.	NRAO	GB64_01995	GB64_01995_e.jpg GB64_01995_086.jpg
208	2	19-Sep-77	Staff and visitors use diesel vehicles to drive on site near the telescopes. Here is of the the diesel Checker cabs in 1977.	NRAO	GB77_15039	GB77_15039_enh.jpg
217	2	27-Sep-87	Group in the lounge during the 300 Foot Symposium: Gart Westerhout, Bob Hughes, Hugh Aller, Bill Howard, Kurt Riegel	NRAO, courtesy G. Verschuur		groupinlounge.jpg groupinlounge_e.jpg
218-221	2	14-Sep-87	Green Bank Staff photo.	NRAO	GB87_24890	GB87_staff_c1.jpg GB87_staff_c2.jpg GB87_staff_c3.jpg GB87_staff_c4.jpg
222	2	16-Aug-66	Gart Westerhout with the 300 Foot Telescope	NRAO	GB66_03171	Westerhoutat300b.jpg
226	2	31-Oct-69	Mort Roberts with the 300 Foot Telescope	NRAO	GB69_06328	GB69_06328_Roberts_e.jpg
227	2		Jon Spargo	NRAO - probably 1970		JonSpargo2.jpg
229	2	26-Sep-87	Mike Davis speaking at the 300 Foot Symposium	Verschuur		MikeDavis.jpg
230	2		Don Nelson, telescope operator.	NRAO, date unknown		DonNelson.jpg
232	2		Fred Crews, head of Green Bank Telescope Operations.	NRAO, probably about 1990		fredcrews.jpg
233	2	28-Feb-64	cartoon from the Observer Feb 28, 1964. "Also desirable that the Observatory be situated in a location where nature is not unduly severe..."	NRAO		sundae.jpg
234	2	26-Sep-87	Group in lounge during the 300 Foot Symposium: Don Backer, Tom Clark, Ken Kellermann.	NRAO, courtesy G. Verschuur		group2inlounge_ge.jpg group2inlounge.jpg
238	2	15-Nov-88	The 300 Foot the day before the collapse.	NRAO, courtesy Richard Porcas		before.jpg

238	2	16-Nov-88	The 300 Foot the morning after the collapse	NRAO, courtesy Richard Porcas			Porcas_1e.jpg Porcas_1.jpg
240	2		Greg Monk in the laser lab.	NRAO	probably mid -1990s		MonkGreg-2.JPG
240	2		Harold Crist, 140 Foot Telescope operator	NRAO	probably 1980s		HaroldCrist_c.jpg
244	2		Nathan Sharp, 140 Foot Telescope Operator, probably mid 1990s	NRAO	probably mid 1990s		NathanSharp010.jpg
244	2		Ron Maddalena, probably mid 1990s	NRAO	probably mid 1990s		RonMaddalena014.jpg
245	2		Bob Viers, 300 Foot Telescope operator, probably mid 1980s	NRAO	probably mid 1980s		BobViers013.jpg
245	2		Don Gordon, telescope mechanic, probably early 1990s.	NRAO	probably early 1990s		DonGordon009.jpg
247	2		Ron Gordon, telescope mechanic	NRAO	probably early 1990s.		RonGordon008.jpg
247	2		Pete Chestnut	NRAO	probably early 1990s		PeteChestnut015.jpg
248	2		The remains of the traveling feed atop the control building, shortly after the collapse.	courtesy G. Liptak			Liptak_3.jpg
250	2	16-Nov-88	Collapse view from the south-east	NRAO	GB88_25535		GB88_25535_057.jpg
251	2	16-Nov-88	the west tower after collapse.	NRAO	GB88_25541		GB88_25541_076.jpg
254	2		View from the north of the surface and travelling feed.	NRAO			surface1.jpg
254	2		The control building	NRAO			building1.jpg
256	2	16-Nov-88	Fred Crews examines the wreckage	NRAO, courtesy Bernie Burke			crews1.jpg
256	2		Portion of the failed gusset plate	NRAO			gusset1.jpg
258	2		A Bolt hole along the fracture line of the gusset plate	NRAO			gusset_closeup1.jpg
259	2	13-Apr-84	A circle was added to the original photo to show the location of the gusset plate that was believed to have failed an precipitated the collapse.	NRAO	GB84_22081		GB84_22081_circ.jpg
259	2	13-Apr-84	Original photo was enlarged and arrow added.	NRAO	GB84_22081		GB84_22081h_arrow.jpg
261	2		View from the south, March 2002. The open field to the left of the building is where the 300 Foot used to be.	NRAO			today1.jpg
PAGE	PART	Date	Description	Source	NRAO REF#	COMMENTS	IMAGE FILE NAME
			Groundbreaking for the 140 Foot : Eugene Halik (AU), unidentified (Bliss), Jack Gilgallon (Bliss), Frank Callender (NRAO), Richard Emberson (AU).	NRAO	GB58_people-7		people_6.jpg people_7.jpg people_8.jpg
264	3	14-Aug-58					
266	3		Kennedy proposal for the 140 Foot Telescope	NRAO	GB98_27871		kennedy_GB98_27871c.jpg
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270	3		Ashton design for the 140 Foot (models)	NRAO			ashton.jpg
271	3	9-Aug-60	Drawing of the Ashton design for the 140 Foot	NRAO	GB60_00093		drawing_GB60_00093.jpg
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284	3	18-Nov-58	Foundation of the 140 Foot	NRAO	GB58_140'-26		140 foot construction 26.jpg
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287	3	6-Dec-63	Final (Stone and Webster design) polar shaft arriving in Green Bank, December 1963.	NRAO	GB63_00532		newShaft_GB63_00532.jpg
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293	3	11-Nov-64	Lifting the superstructure, November 1964.	NRAO	GB64_00625	GB64_00625.jpg
294	3	14-Dec-64	Installing surface panels	NRAO	GB64_00630	GB64_00630.jpg
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295	3	8-Nov-77	The spherical bearing atop one of the hydraulic support pads.	NRAO	GB77_15231	GB77_15231.jpg
295	3	11-Sep-70	Some of the hydraulic pumps which supply oil to the bearing.	NRAO	GB70_07339	GB70_07339.jpg
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298	3	20-Jul-72	Mark Gordon at the new 140 Foot control console, 1972.	NRAO	GB72_09140	GB72_09140_Console_006.jpg
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488	4	19-Sep-60	Reber with slide rule, in Green Bank, 1959.	NRAO	GB60_00112A		GB60_112A_Reber.jpg
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493	4	1975	Reber with Patricia Smiley, preparing slides for Reber's Jansky Lecture in Charlottesville, November 1975.	NRAO		The Observer, March 1976.	grote_Pat_enh2.jpg
495	4	1959?	Reber in the bean patch	NRAO	GB74_11581	copy of earlier photo.	GB74_11581_Reber_Beans.jpg
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501	4	summer 1996	Grote Reber, Sandy Heatherly, Patrick Heatherly, Bob Vance. Balloons are being prepared to hoist a small transmitter to measure the vertical beam pattern of the Jansky antenna. Summer 1996.	courtesy S.Heatherly			reber_baloon.jpg reber_baloon_enhbw.jpg
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512	4	1969	The 36-foot millimeter wave telescope and its operations crew on Kitt Peak, Arizona in 1969. Don Cardarella, Bill Daniel, Bob Hogarth, George Grove (station manager).	NRAO		from the Observer, September 1969.	KP36ft_Observer3.jpg
513	4	29-Apr-68	View of antennas 85-2 and 85-3 in 1968. Note the 140 Foot in the distance.	NRAO	GB68_04650		GB68_04650b_gbi026.jpg
515	4	27-May-64	Moving telescope 85-2.	NRAO	GB64_01723		GB64_01723_85-2enh.jpg GB64_01723_85-2_c.jpg
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519	4	Sept 1970	A cartoon from the Observer memorializing the summer when most of the telescope tires went flat.	NRAO		from the Observer, vol 10, No. 5, September 1970.	Flat_Tires_en.jpg
520	4	25-Jan-68	The two element interferometer in January 1965. The antenna sits on station 5 (2400 meters), having been moved there for the first time shortly before the photograph was taken. The 300 Foot is seen at the left.	NRAO	GB65_02080		GB65_02080_enh.jpg
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525	4		Hogg, Fig. 7 - a proposed expansion of the Green Bank Interferometer.	NRAO			Hogg_GBI diagram_en.jpg

526	4	26-Oct-70	Dave and Carol Hogg, and sons Brian and Doug	NRAO	GB70_07418		GB70_07418_Hogg_c.jpg
529	4		Cartoon from the Observer, December 1965, about the exodus of the scientific staff to Charlottesville, drawn by Marja Baars.	NRAO		from the Observer, December 1965.	exodus_cartoon_e.jpg
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537	4	1968	Conceptual design of a visitor center	NRAO		from photo of architectural drawings	TourBldg1968_d2.jpg
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539	4	31-Jul-63	Cartoon from the Observer, "where do you listen to it?"	NRAO		from the Observer, July 31, 1963.	wheredoyoulisten.jpg
540	4	19-Sep-77	The Green Bank cafeteria, 1977. Pat Crane, Barry Geldzahler, Beaty Sheets, Dave Shaffer, Ken Kellermann, Berdeen O'Brien, Louise Riley.	NRAO	GB77_15025		GB77_15025_enh.jpg
544	4	16-Feb-70	22m Telescope in the Crimea	NRAO	GB70_06608		GB70_06608_Crimea037.jpg
548	4	23-Jul-69	Ken Kellermann in 1969.	NRAO	GB69_05932		GB70_5932_kk2.jpg
555	4	10-Mar-71	Map of early VLBI baselines	NRAO	GB71_07751		VLBI_worldmap.jpg
560	4	2-Aug-70	Celebratory Cake for USA-USSR VLBI	NRAO	GB70_07159		USSR_cake_c.jpg
562	4	16-Feb-70	Celebrating the VLBI experiment with "Russian Tea". Standing: Ivan Moiseyev (director of the Crimean radio telescope), John Payne (NRAO), Victor Efanov (telescope staff); sitting: unidentified (telescope staff).	NRAO	GB70_06609		GB70_06609Cheers_e.jpg
564	4		"Charlie" the rubidium clock	NRAO			charlie.jpg
566	4	13-Jan-75	Barry Clark at a ten-year awards ceremony in Green Bank, 1975. Bill Shank, Mort Roberts, Barry Clark, Charles Sutton, Bill Howard, Toby Mann, James Coe.	NRAO	GB75_12201		GB75_12201_barry.jpg
570	4	1970	Barry Clark examines digital recording equipment from the Leach Corporation, 1970. At right, Leach engineer Bob Andersen	NRAO		from the Observer, May 1970.	Barry_and equipment_e.jpg